



IFW16

RAW SEQUENCE LISTING

DATE: 09/28/2004

PATENT APPLICATION: US/09/874,056B

TIME: 10:34:45

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\09282004\I874056B.raw

5 <110> APPLICANT: OKANO, Akira
 7 ETO, Yuzuru
 9 IZUMI, Tetsuro
 13 <120> TITLE OF INVENTION: Insulin Receptor-Related Receptor Binding Protein and
 Utilization of the
 14 Same
 18 <130> FILE REFERENCE: 209427US0
 22 <140> CURRENT APPLICATION NUMBER: US 09/874,056B
 24 <141> CURRENT FILING DATE: 2001-06-06
 28 <150> PRIOR APPLICATION NUMBER: JP 2000-170912
 30 <151> PRIOR FILING DATE: 2000-06-07
 34 <160> NUMBER OF SEQ ID NOS: 8
 38 <170> SOFTWARE: PatentIn version 3.1
 42 <210> SEQ ID NO: 1
 44 <211> LENGTH: 21
 46 <212> TYPE: PRT
 48 <213> ORGANISM: Mus musculus
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 56 <222> LOCATION: (3)..(3)
 58 <223> OTHER INFORMATION: X = CYS, SER, OR THR
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 66 <222> LOCATION: (8)..(8)
 68 <223> OTHER INFORMATION: X = CYS, SER, OR THR
 72 <220> FEATURE:
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 76 <222> LOCATION: (9)..(9)
 78 <223> OTHER INFORMATION: X = CYS, SER, OR THR
 82 <220> FEATURE:
 84 <221> NAME/KEY: MISC_FEATURE
 86 <222> LOCATION: (15)..(15)
 88 <223> OTHER INFORMATION: X = CYS, SER, OR THR
 92 <220> FEATURE:
 94 <221> NAME/KEY: MISC_FEATURE
 96 <222> LOCATION: (16)..(16)
 98 <223> OTHER INFORMATION: X = CYS, SER, OR THR
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 104 <221> NAME/KEY: MISC_FEATURE
 106 <222> LOCATION: (18)..(18)
 108 <223> OTHER INFORMATION: X = CYS, SER, OR THR
 112 <400> SEQUENCE: 1
 114 Ile Gly Xaa Asp Gln His Thr Xaa Xaa Pro Val Gly Gln Thr Xaa Xaa
 115 1 5 10 15

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V--> 118 Pro Xaa Leu Lys Gly

119 20
 122 <210> SEQ ID NO: 2
 124 <211> LENGTH: 22
 126 <212> TYPE: PRT
 128 <213> ORGANISM: Mus musculus
 132 <220> FEATURE:
 134 <221> NAME/KEY: MISC_FEATURE
 136 <222> LOCATION: (4)..(4)
 138 <223> OTHER INFORMATION: X IS CYS, SER, OR THR
 142 <220> FEATURE:
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 146 <222> LOCATION: (9)..(9)
 148 <223> OTHER INFORMATION: X IS CYS, SER, OR THR
 152 <220> FEATURE:
 154 <221> NAME/KEY: MISC_FEATURE
 156 <222> LOCATION: (10)..(10)
 158 <223> OTHER INFORMATION: X IS CYS, SER, OR THR
 162 <220> FEATURE:
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 166 <222> LOCATION: (16)..(16)
 168 <223> OTHER INFORMATION: X IS CYS, SER, OR THR
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 188 <223> OTHER INFORMATION: X IS CYS, SER, OR THR
 192 <400> SEQUENCE: 2

V--> 194 Asp Ile Gly Xaa Asp Gln His Thr Xaa Xaa Pro Val Gly Gln Thr Xaa

195 1 5 10 15

V--> 198 Xaa Pro Xaa Leu Lys Gly

199 20
 202 <210> SEQ ID NO: 3
 204 <211> LENGTH: 57
 206 <212> TYPE: PRT
 208 <213> ORGANISM: Mus musculus
 212 <400> SEQUENCE: 3
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 215 1 5 10 15
 218 Cys Pro Ser Leu Lys Gly Ser Trp Ala Cys Cys Gln Leu Pro His Ala
 219 20 25 30
 222 Val Cys Cys Glu Asp Arg Gln His Cys Cys Pro Ala Gly Tyr Thr Cys
 223 35 40 45
 226 Asn Val Lys Ala Arg Thr Cys Glu Lys
 227 50 55
 230 <210> SEQ ID NO: 4

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232 <211> LENGTH: 57
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236 <213> ORGANISM: Mus musculus
240 <400> SEQUENCE: 4
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246 Pro Ser Leu Lys Gly Ser Trp Ala Cys Cys Gln Leu Pro His Ala Val
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250 Cys Cys Glu Asp Arg Gln His Cys Cys Pro Ala Gly Tyr Thr Cys Asn
251          35          40          45
254 Val Lys Ala Arg Thr Cys Glu Lys Asp
255          50          55
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260 <211> LENGTH: 58
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268 <400> SEQUENCE: 5
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271 1          5          10          15
274 Cys Pro Ser Leu Lys Gly Ser Trp Ala Cys Cys Gln Leu Pro His Ala
275          20          25          30
278 Val Cys Cys Glu Asp Arg Gln His Cys Cys Pro Ala Gly Tyr Thr Cys
279          35          40          45
282 Asn Val Lys Ala Arg Thr Cys Glu Lys Asn
283          50          55
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292 <213> ORGANISM: Mus musculus
296 <400> SEQUENCE: 6
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306 Val Cys Cys Glu Asp Thr Gln His Cys Cys Pro Ala Gly Tyr Thr Cys
307          35          40          45
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316 <211> LENGTH: 58
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320 <213> ORGANISM: Mus musculus
324 <400> SEQUENCE: 7
326 Ile Gly Cys Asp Gln His Thr Ser Cys Pro Val Gly Gln Thr Cys Cys
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330 Pro Ser Leu Lys Gly Ser Trp Ala Cys Cys Gln Leu Pro His Ala Val
331          20          25          30
334 Cys Cys Glu Asp Arg Gln His Cys Cys Pro Ala Gly Tyr Thr Cys Asn
335          35          40          45

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368 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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374 <221> NAME/KEY: MISC_FEATURE
376 <222> LOCATION: (4)..(4)
378 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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384 <221> NAME/KEY: MISC_FEATURE
386 <222> LOCATION: (5)..(5)
388 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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394 <221> NAME/KEY: MISC_FEATURE
396 <222> LOCATION: (6)..(6)
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404 <221> NAME/KEY: MISC_FEATURE
406 <222> LOCATION: (7)..(7)
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412 <220> FEATURE:
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416 <222> LOCATION: (9)..(9)
418 <223> OTHER INFORMATION: X IS ANY AMINO ACID
422 <220> FEATURE:
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426 <222> LOCATION: (10)..(10)
428 <223> OTHER INFORMATION: X IS ANY AMINO ACID
432 <220> FEATURE:
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454 <221> NAME/KEY: MISC_FEATURE
456 <222> LOCATION: (13)..(13)

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Input Set : A:\pto.lm.txt

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458 <223> OTHER INFORMATION: X IS ANY AMINO ACID
462 <220> FEATURE:
464 <221> NAME/KEY: MISC_FEATURE
466 <222> LOCATION: (16)..(16)
468 <223> OTHER INFORMATION: X IS ANY AMINO ACID
472 <220> FEATURE:
474 <221> NAME/KEY: MISC_FEATURE
476 <222> LOCATION: (17)..(17)
478 <223> OTHER INFORMATION: X IS ANY AMINO ACID
482 <220> FEATURE:
484 <221> NAME/KEY: MISC_FEATURE
486 <222> LOCATION: (18)..(18)
488 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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494 <221> NAME/KEY: MISC_FEATURE
496 <222> LOCATION: (19)..(19)
498 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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504 <221> NAME/KEY: MISC_FEATURE
506 <222> LOCATION: (20)..(20)
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524 <221> NAME/KEY: MISC_FEATURE
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554 <221> NAME/KEY: MISC_FEATURE
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558 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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564 <221> NAME/KEY: MISC_FEATURE
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568 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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574 <221> NAME/KEY: MISC_FEATURE
576 <222> LOCATION: (29)..(29)
578 <223> OTHER INFORMATION: X IS ANY AMINO ACID

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/874,056B

DATE: 09/28/2004
TIME: 10:34:46

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\09282004\I874056B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 3, 8, 9, 15, 16, 18

Seq#:2; Xaa Pos. 4, 9, 10, 16, 17, 19

Seq#:8; Xaa Pos. 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28

Seq#:8; Xaa Pos. 29, 30, 31, 34, 36, 37, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 13

VERIFICATION SUMMARY

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Input Set : A:\pto.lm.txt

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L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:16
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:16
L:734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:16
L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:32
L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:48